				H #4			Well #	ê.			Weil #7		,					EPA Drinking	
	Well #1/#4	Well #1	Well				PGDW07		PGPW01	PGDW08 PGPW02		<del>j</del>		Well #8			Water Standards		
Data Source	this s	tudy	M-M (1984)1	this study	this	study	SOC <sup>3</sup>		EPA (200		-	this s	tudy	this		soc,			
Sample Date	02/18/11		03/22/82	05/29/12	02/18/11	05/29/12	1986	2009	2010	2009	2010	02/18/11			5/29/12	12/18/95	Primary	Second	
AJOR IONS (mg/L)																			
kalinity, Total as CaCO3							66	60.6	74.7	82.9	82.8			124		124			
carbonate, HCO3							79							142					
arbonate, CO3	-						3	0.05						<5		<b>.</b>		Ь—	
alcium	-						6	8.85	5.7	36.7	34.4			- 11	<b>—</b>	11.1		053	
hloride	-						16	15.7	15.3	8.9	8.5			$oldsymbol{ol}oldsymbol{ol}oldsymbol{ol}oldsymbol{ol}ol}oldsymbol{ol}oldsymbol{ol}ol{oldsymbol{ol}oldsymbol{ol}ol{ol}}}}}}}}}}}}}}}$	_	87	<b>└</b>	250	
luoride agnesium	-						1.54	1.2	1.2 ND	0.5	0.5 ND			4		<1.0	4	2	
itrogen, Nitrate+Nitrite as N	_		0				<0.05		ND		NU		_		-	<0.1	10	-	
itrogen, Nitrate as N			,	_			10.00	<0.5	<0.3	< 0.5	<0.3	-		-	<b></b>	10.1	10	-	
itrogen, Nitrite as N								<0.5	<0.3	<0.5	<0.3		-	_			1	-	
otassium	_			_			<1	10.0	ND	10.5	ND ND		_			<1.0	$\vdash$	-	
ilica	_			-			<del></del>	_	, <u>.                                  </u>	$\vdash$					$\overline{}$		-	—	
odium		292	210	208	173	196	187	213	173	390	393		388	253	97	255		-	
ulfate		523	460	297	300	278	163	390	300	857	847		787	449		439		250	
HYSICAL PROPERTIES				•	•	•	•		•					•	-		-		
onductivity (umhos/cm)	1040	1333		897	880	893	861					20	1853	1230	12	1261			
ardness as CaCo3 (mg/L)			69											27					
H (s.u.)							8.6											6.5 - 8	
otal Dissolved Solids (mg/L)		961	644	601	495	570	576		495				1400	764	855			500	
ETALS - TOTAL (mg/L)																_			
luminum	$\Box$								ND		20								
ntimony	$\vdash$			_			_		ND 0.00034	—`	Ψ,	$\vdash$		20.002			J6	_	
rsenic	$\vdash$		L				0.10		0.00031	—				<0.001			0.01		
arium	$\vdash$			⊢—			0.10		0.0041	—				<b>—</b>	<del></del>	<b>—</b>	0.004	—	
eryllium	$\vdash$							_	ND	—	1.4					_	0.004	-	
oron admium	$\vdash$			-		-	<0.005	-	ND	-	ND			<del></del>	-		0.005	$\vdash$	
hromium	$\vdash$			<del></del>	<del>                                     </del>	1	<0.005	<del>                                     </del>	עוא		ND ND			<del></del>	<del>                                     </del>	_	0.005	_	
obalt				_			10.02			$\vdash$	ND ND				<del></del>	_	- V. I	<del></del>	
opper				_				0.0045		1079	ND		$\overline{}$		_		1.3	1	
yanide				<b>.</b>			<b>†</b>							-		-	0.2	_	
on							< 0.05		0.		0.255			0.13		0.44		0.3	
ead							< 0.02		NA						$\overline{}$		0.015		
anganese							< 0.02	0.0056	0.007	0.0104			_	< 0.01				0.05	
ercury							< 0.001		ND		Ty-						0.002		
ickel									0.00022		Ρ'								
elenium									ND \					<0.001			0.05		
ilver									ND						,			0.1	
hallium									ND		ND		<b>)</b>				0.002		
ranium, Natural		<0.0003		<0.0003		<0.00							<0.0003		<0.0003		0.03		
anadium						-4			ND ND		ND						<b></b>	-	
RGANIC CHARACTERISTICS					<u> </u>	4	1	_	NO	——	ND	<u> </u>					-	3	
thane, Dissolved		<0.001		<0.001				_		-					<0.001		-	_	
thene, Dissolved		<0.001		<0.001						_					<0.001		-		
ethane, Dissolved	<del>                                     </del>	0.010		0.004			<b>†</b>		ND	$\vdash$	VD			0.002	0.006			<del></del>	
ethane, Head Space (ppb)							j	7			3							_	
liesel Range Organics (DRO)		<1.0		<1.0		- 3			_		.0231				<1.D				
iasoline Range Organics (GRO)		<0.020		< 0.020		<0.046							<0.020		<0.020				
EMI-VOLATILES (mg/L)	•		•												•	_			
is(2-ethylhexyl)phthalate				7						_									
utylbenzylphthalate									Detect		Detect								
									0.00023		0.00023								
aprolactam																			
aprolactam imethylphthalate								¥	0.00023 0.00029	0.0022	0.00023 0.0038								
aprolactam imethylphthalate uorene								F	0.00023 0.00029 ND	0.0022	0.00023 0.0038 ND								
aprolactam imethylphthalate uorene aphthalene									0.00023 0.00029 ND ND	0.0022	0.00023 0.0038 ND ND								
aprolactam imethylphthalate uorene aphthalene imma-BHC (Lindane)									0.00023 0.00029 ND ND	0.0022	0.00023 0.0038 ND ND ND								
aprolactam imethylphthalate uorene aphthalene amma-BHC (Lindane) eptachlor									0.00023 0.00029 ND ND ND ND	0.0022	0.00023 0.0038 ND ND ND ND								
aprolactam Imethylphthalate luorene aphthalene amma-BHC (Lindane) eptachlor ethoxychlor									0.00023 0.00029 ND ND ND ND ND	0.0022	0.00023 0.0038 ND ND ND ND ND								
aprolactam imethylphthalate uorene aphthalene imma-BHC (Lindane) eptachlor ethoxychlor enzene									0.00023 0.00029 ND ND ND ND ND	0.0022	0.00023 0.0038 ND ND ND ND ND								
aprolactam imethylphthalate uorene aphthalene amma-BHC (Lindane) eptachlor ethoxychlor enzene thylbenzene									0.00023 0.00029 ND ND ND ND ND ND ND	0.0022	0.00023 0.0038 ND ND ND ND ND ND ND								
aprolactam imethylphthalate uorene aphthalaene imma-BHC (Lindane) eptachlor ethoxychlor enzene phylbenzene phylbenzene									0.00023 0.00029 ND ND ND ND ND ND ND ND ND	0.0022	0.00023 0.0038 ND ND ND ND ND ND ND ND								
aprolactam methylphthalate uorene aphthalane imma-BHC (Lindane) eptachlor ethoxychlor enzene hylbenzene p-Xylene ethylphorene ethylphorene									0.00023 0.00029 ND ND ND ND ND ND ND ND ND ND ND ND ND	0.0022	0.00023 0.0038 ND ND ND ND ND ND ND ND ND ND								
aprolactam methylphthalate uorene aphthalate ne imma-BHC (Lindane) aptachlor ethoxychlor anzene p-Xylene ethylene chloride Xylene									0.00023 0.00029 ND ND ND ND ND ND ND ND ND ND ND ND ND	0.0022	0.00023 0.0038 ND ND ND ND ND ND ND ND ND ND ND								
aprolactam methylphthalate uorene aphthalane mma-BHC (Lindane) eptachlor ethoxychlor enzene nyibenzene p-Xylene ethylene chloride Xylene									0.00023 0.00029 ND ND ND ND ND ND ND ND ND ND ND ND ND	0.0022	0.00023 0.0038 ND ND ND ND ND ND ND ND ND ND								
aprolactam methylphthalate uorene aphthalane (Lindane) eptachlor ethoxychlor enzene p-Xylene ethylene chloride Xylene yrene									0.00023 0.00029 ND ND ND ND ND ND ND ND ND ND ND ND ND	0.0022	0.00023 0.0038 ND ND ND ND ND ND ND ND ND ND ND ND ND								
aprolactam methylphthalate uorene aphthalene imma-BRC (Lindane) eptachlor ethoxychlor enzene nyibe nizene py-Xylene ethylene chloride Xylene yrene luene									0.00023 0.00029 ND ND ND ND ND ND ND ND ND ND ND ND ND	0.0022	0.00023 0.0038 ND ND ND ND ND ND ND ND ND ND ND ND ND								
aprolactam methylphthalate uorene aphthalane mma-BHC (Lindane) eptachlor ethoxychlor excene hylbenzene p-Xylene ethylene chloride Xylene yeree bluene ACTERIOLOGICAL acteria, Heterotrophic (MPN/ml)									0.00023 0.00029 ND ND ND ND ND ND ND ND ND ND ND ND ND	0.0022	0.00023 0.0038 ND ND ND ND ND ND ND ND ND ND ND ND ND								
aprolactam methylphthalate uorene aphthalane mma-BHC (Lindane) eplachlor ethoxychlor eth									0.00023 0.00029 ND ND ND ND ND ND ND ND ND ND ND ND ND	0.0022	0,00023 0,0038  ND								
aprolactam methylphthalate uorene aphthalane imma-BRC (Lindane) eptachlor ethoxychlor enzene p-Xylene ethylene chloride Xylene yrene lylene chloride Xylene greene lylene chloride ACTERIOLOGICAL teleria, Helserbephic (MPN/ml) toleria, Iron Related citeria, Approx. Iron Related citeria, Approx. Iron Related citeria (Approx. Iron Related									0.00023 0.00029 ND	0.0022	0,00023 0,0038 ND								
aprolactam imethyliphthalate uorene aphthalane imma-BHC (Lindane) eptachlor ethoxychlor enzene ethoxychlor enzene ethylibenzene p-Xylene ethyliene chloride Xylene sluene sluene acteria, Heterotrophic (MPN/ml) acteria, Iron Related acteria, Approx. Iron Related acteria, Approx. Iron Related acteria, Population (CFU/ml) acteria, sichera, Suffate Reducing									0.00023 0.00029 ND ND ND ND ND ND ND ND ND ND ND ND ND	0.0022	0,00023 0,0038  ND								
aprolactam imethylphthalate luorene aphthalate luorene aphthalate eptachlor ethoxychlor enzene thoxychlor enzene p-Xylene ethylene chloride Xylene douene ACTERIOLOGICAL acteria, Hesterbrophic (MPN/ml) acteria, Approx. Iron Related acteria Postalation (CPU/ml) acteria, Sulfate Reducing acteria, Sulfate Reducing acteria, Sulfate Reducing									0.00023 0.00029 ND	0.0022	0,00023 0,0038 ND								
aprolactam methylphthalate uorene aphthalaene mma-BHC (Lindane) eptachlor ethoxychlor enzene hylbenzene p-Xylene ethylene chloride Xylene strylene chloride Xylene strylene chloride ACTERIOLOGICAL acteria, Heterotrophic (MPN/ml) acteria, Fon Related acteria, Approx. Fon Related acteria, Approx. Fon Related acteria, Approx. Sulfate Reducing acteria, Approx. Sulfate Reducing acteria, Approx. Sulfate Reducing acteria Population (CFU/ml)									0.00023 0.00029 ND	0.0022	0,00023 0,0038 ND								
aprolactam methylphthalate uorene aphthalare mma-BHC (Lindane) eptachlor ethoxychlor eptachlor ethoxychlor enzene hylbenzene p-Xylene ethylene chloride Xylene yerene lluene acteria, Heterotophic (MPN/ml) acteria, Iron Related acteria, Approx. Tron Related acteria, Approx. Sulfate Reducing acteria Population (CFU/ml) ADIONUCLIDES (pCi/L)									0.00023 0.00029 ND	0.0022	0,00023 0,0038 ND								
aprolactam methylphthalate uorene aphthalane mma-BRC (Lindane) eptachlor ethoxychlor enzene p-Xylene ethylene chloride Xylene stylene acteria, Heterctrophic (MPN/ml) socteria, Approx. Tron Related acteria, Approx. Tron Related acteria Applation (CFU/ml) acteria, Sulfate Reducing acteria, Sulfate Reducing acteria, Prox. Sulfate Reducing acteria, approx. Sulfate Reducing acteria, approx. Sulfate Reducing acteria Applation (CFU/ml) ADIONUCLIDES (pCi/L) ross Alpha									0.00023 0.00029 ND	0.0022	0,00023 0,0038 ND			-33			15		
aprolactam methylphthalate uorene aphthalene imma-BRC (Lindane) eptachlor ethoxychlor enzene hylbenzene p-Xylene ethylene chloride Xylene luene luene luene Luene, Reterotrophic (MPN/ml) schena, Iona Related schena, Iona Related schena, Approx. Iron Related schena, Approx. Sulfate Reducing scheria, Approx. Sulfate Reducing scheria, Approx. Sulfate Reducing scheria, Approx. Sulfate Reducing scheria, Applation (CFU/ml) ADIONUCLIDES (pCi/L) ross Alpha forrison-Malerie; 1984; "Water Sup									0.00023 0.00029 ND		0,00023 0,00038 ND						15		
prolactam methylphihalate Jorene phthalane Jorene phthalane Jorene phthalane Jorene phthalane phthalane phthalane phthalane Jorene phthalane phthylene phthylene thylene thylene ktylene ktyle								Area Grou	0.00023 0.00029 ND		0,00023 0,00038 ND	jation - Ana	lyšcal Resi				15		
profactam profactam profactam profactam pothalate orene phthalate orene phthalate orene phthalate placklor placklor placklor nozene pytylene potypiene potyp	rater Investiga ming State E	ation Site Ins ngineer's Of	spection - Ana fice)	lytical Resu				Area Grou	0.00023 0.00029 ND		0,00023 0,00038 ND	jation - Ana	lyšcal Resi				15		
prolactam nethylphthalate ortenethylphthalate ortenethylphthalate phthalane	rater Investiga ming State E	ation Site Ins ngineer's Of	spection - Ana fice)	lytical Resu				Area Grou	0.00023 0.00029 ND		0,00023 0,00038 ND	jation - Ana	lytical Resi				15		